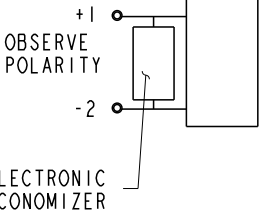
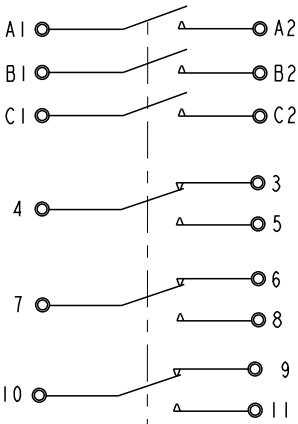


REVISIONS			RELEASED	
REV.	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO PROD. FROM REV 6. UPTD COG DIMS. CHD DO VOLTAGE TO 9 FROM 7 DUE TO QUAL	06APRL2015		
B	21-008320 CHANGED ASSEMBLY	23DEC2021	RS	
C	24-274409 PRIMARY ASSEMBLY WAS 43154-210	08JUL2024	DSH	

APPLICATION REFERENCE DATA

CONSTRUCTION	GASKET SEALED, VENTED
MAIN CONTACTS	
CONFIGURATION	3PST N.O.
VOLTAGE (NOMINAL)	115/200VAC (400Hz)
CURRENT RESISTIVE	175 AMPS
RUPTURE	1600 AMPS, 4 OPERATIONS
OVERLOAD	406 AMPS, 5 SEC
BOUNCE TIME	3mS MAX
SIMULTANEOUS TIME	5mS MAX
VOLTAGE DROP	150mV MAX
AUXILIARY CONTACTS	
CONFIGURATION	3PDT
VOLTAGE	28 VDC
CURRENT	
RESISTIVE	5.0 AMPS
INDUCTIVE	1.0 AMPS
BOUNCE TIME	5mS MAX
SIMULTANEOUS TIME	5mS MAX
ELECTRIC WITHSTAND	1000 Vrms
COIL DATA	
DUTY CYCLE	CONTINUOUS(ELECTRONIC ECONOMIZED)
PICKUP VOLTAGE	18 VDC MAX
MAX OPERATE VOLTAGE	32 VDC
DROP OUT VOLTAGE	1.5 TO 9 VDC
VOLTAGE	
NOMINAL	28 VDC
INRUSH CURRENT	8.4 AMPS MAX FOR APPROX. 100 mS
HOLD CURRENT	.400 AMPS MAX
SUPPRESSION	±42 V
OPERATING TIME	
PICKUP TIME	20 mS MAX
DROP OUT TIME	13 mS MAX
STAGGER TIME	5 mS MAX
ENVIRONMENTAL DATA	
GND SURVIVABILITY TEMP	-55°C TO +85°C
NOMINAL OPERATING TEMP	-40°C TO +55°C
OPERATING ALTITUDE	55,000 FT
MAX DECOMPRESSION	51,000 FT
RELIABILITY	
LIFE MECHANICAL	100,000 CYCLES MIN
LIFE ELECTRICAL	50,000 CYCLES MIN
WEIGHT MAX	1.4 LBS



- NOTES:
- 1. RECOMMENDED INSTALLATION TORQUE: 28 IN-LBS
 - 2. STATIONARY BUS BARS ARE SILVER PLATED, ASTM B700, TYPE II, GRADE D SEMI BRIGHT CLASS N
 - 3. CONNECTOR FINISH TO BE ZINC PLATE, YELLOW CHROMATE
 - 4. BUS MOUNTING SURFACES COPLANAR WITHIN .015

5	I	44900-024	SCHEMATIC DIAGRAM			9-1616989-3	
4	4	44262-005	CAUTION LABEL			2-1616988-5	
3	I	43754-004	ESD WARNING LABEL			3-1616988-8	
2	I	40100-080	FINISH ASSEMBLY			9-1616989-2	
1	I	16043-001	PLATE - NAME			3-1616169-5	
FIND NO	QTY RECD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	DRAWING OR SPECIFICATION	FSCM NO	TE PART NO	MATERIAL OR NOTE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			 Hartman™ Division 175 N. DIAMOND STREET MANSFIELD, OHIO 44902 CONTACTOR, 3PST NO, 175 AMPS, 115/200 VAC, 400 HZ  DWG NO. KAF175B7C REF TE PN 1616986-4				
2 PL DEC.	3 PL DEC.	ANGLES					
± .06	± .03	± 1°					
			DR BY	SP	11/03/23		
			CHK BY				
			ENGR	SP	11/03/23		
			MFG				
			SIZE B	CODE IDENT 74063			
			SCALE 2:3	SHEET			

